

## Light - Reflection and Refraction

### Conclusion of Reflection

**Conclusion of reflection of light is given below:**

- Reflected ray meets incident ray as well as the normal ray at one point, which is called point of incidence.
- All the three rays- incident ray, reflected ray, as well as the normal lie in one plane only.
- The angle of incidence will always have the same value as that of the angle of reflection.

Conclusion of reflection of light is commonly known as laws of reflection of light.

**Conclusion of light is derived by-**

- The conclusion of light is derived by performing an experiment with the help of a plane mirror.
- The image formed by the plane mirror is studied and pins are fixed to denote the incident ray and reflected ray.
- Normal is drawn at the point where reflected ray and incident ray intersects with each other.
- Observations are made and the conclusion given above are thus derived